

Docket No. 272 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.

Segment 4a Underground Line

Date: December 20, 2006

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: No precipitation was recorded since the previous inspection in Bridgeport, CT (NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within or adjacent to existing paved roadways at this time.	See erosion control section.	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Trenching activities continue: on Railroad Ave. between Howard Ave. and South Ave.; near the intersection of Railroad Ave. and Bostwick Ave.; between South Ave. and Park Ave.; and in the portion of land between Broad St. and Main Ave. 12/20/06	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 12/20/06	Catch basins are protected.(Proactively)
Fairfield	Trenching activities continue on Rt. 1 near its intersection with Pequot Ave. Rd. 12/20/06	None 12/20/06	NA
	Manhole installation was noted at vault #7536. 12/20/06	Adjacent catch basins were protected. Continue to contain/stabilize exposed soils here. 12/20/06	NA
	Vault #7541 installation activities are complete.	Restore disturbed area when appropriate.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>12/20/16</p> <p>Vault #7542 restoration activities were occurring during the inspection. A fence was being installed. 12/20/06</p> <p>Trenching activities are complete north of Thorpe St.; and south of its intersection with Benson Rd. 12/20/06</p>	<p>12/13– 12/20/06</p> <p>Continue to restore/ stabilize soil as feasible. 12/20/06</p> <p>None 12/20/06</p>	<p>Area was being restored.</p> <p>NA</p>
<p>Erosion and Sediment Controls Fairfield/Bridgeport</p> <p>Fairfield</p> <p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>Filter fabric or filter socks are installed in catch basins adjacent to the construction activities. 12/20/06</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 12/20/06</p> <p>Problems with dust were not observed this week. 12/20/06</p> <p>Silt fence is installed around the exposed soils remaining at vault #7541. 12/20/06</p> <p>Silt fence is also in place along trenching activities near Pequot Ave. 12/20/06</p> <p>No issues were noted at the time of inspection. 12/20/06</p>	<p>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 12/20/06</p> <p>Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 12/20/06</p> <p>None. 12/20/06</p> <p>Continue to stabilize soil as feasible but the area is contained. 12/20/06</p> <p>Continue to monitor and contain disturbed soils resulting from the construction. 12/20/06</p> <p>None. 12/20/06</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a</p>	<p>See erosion control section. 12/20/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	concrete lined waterway. 12/20/06		
Staging, Storage, and Parking Areas	<p>A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 12/20/06</p> <p>A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. Reserve spill kits are located in the equipment trailers. 12/20/06</p> <p>A temporary storage area is being used at the intersection of Railroad Ave. and Iranistan Ave. A frac tank is being stored in this area. According to contractors the yard will be abandoned shortly. 10/27-12/20/06</p>	<p>None 12/20/06</p> <p>See erosion control section. 12/20/06</p> <p>None. 12/20/06</p>	<p>NA</p> <p>NA</p> <p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 12/20/06</p> <p>Soils were being contained, tagged and transported appropriately. 12/20/06</p>	<p>Most areas are temporarily stabilized. 12/20/06</p> <p>None. 12/20/06</p>	<p>NA</p> <p>NA</p>
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area.	None	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Tire ruts were noted in the shoulder of Railroad Ave. Most other recently disturbed areas have been seeded or mulched along the shoulders of the roadway. 10/27/06-12/20/06	Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27- 12/20/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>A fifth ornamental plum tree was removed for construction activities at Vault #7536. 12/20/06</p> <p>Trenching activities at Howard and Railroad Ave was generating exposed soil. However, soil remains contained to the construction area. 12/20/06</p>	<p>Stabilize/restore area when appropriate. 11/01-12/20/06</p> <p>Stabilize/restore area when appropriate. 11/01-12/20/06</p>	<p>Needs attention when work is complete.</p> <p>Needs attention when work is complete.</p>
Dewatering	Water from trench work is filtered by frac tanks and released appropriately to the sanitary sewer system via PVC pipe. 12/20/06	Continue to monitor; Attempts have been made to protect the pipe inlet and prevent sediment from readily entering the system 12/20/06	The pipe inlet had some controls in place.
Blasting	No blasting has been proposed. 12/20/06	None 12/20/06	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard and on job trucks. 12/20/06	None 12/20/06	NA
Additional Observations	None 12/20/06	None 12/20/06	NA

Next likely scheduled inspection: Wednesday January 3, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Field Inspector: Katie Bednaz, BSC Group

Reviewer: Diana Walden, BSC Group



Trenching activities along the shoulder of Pequot Ave. at station 495+00. Five trees had been removed in this location. Erosion controls have been installed downgradient of disturbed soils.



Work at Vault #7536 to install manholes. Nearby catch basins were protected with silt sacks. One additional tree was removed.



Location of Vault #7541 construction activities are complete. Silt fence has been installed to contain disturbed soils.



Location of Vault #7542 construction activities. Crews were installing fence at the time of the inspection.



Trenching activities at the corner of Howard Ave. and Railroad Ave. Exposed soils from the activities were not observed migrating from the construction area. Disturbed areas should be restored/temporarily stabilized when appropriate.

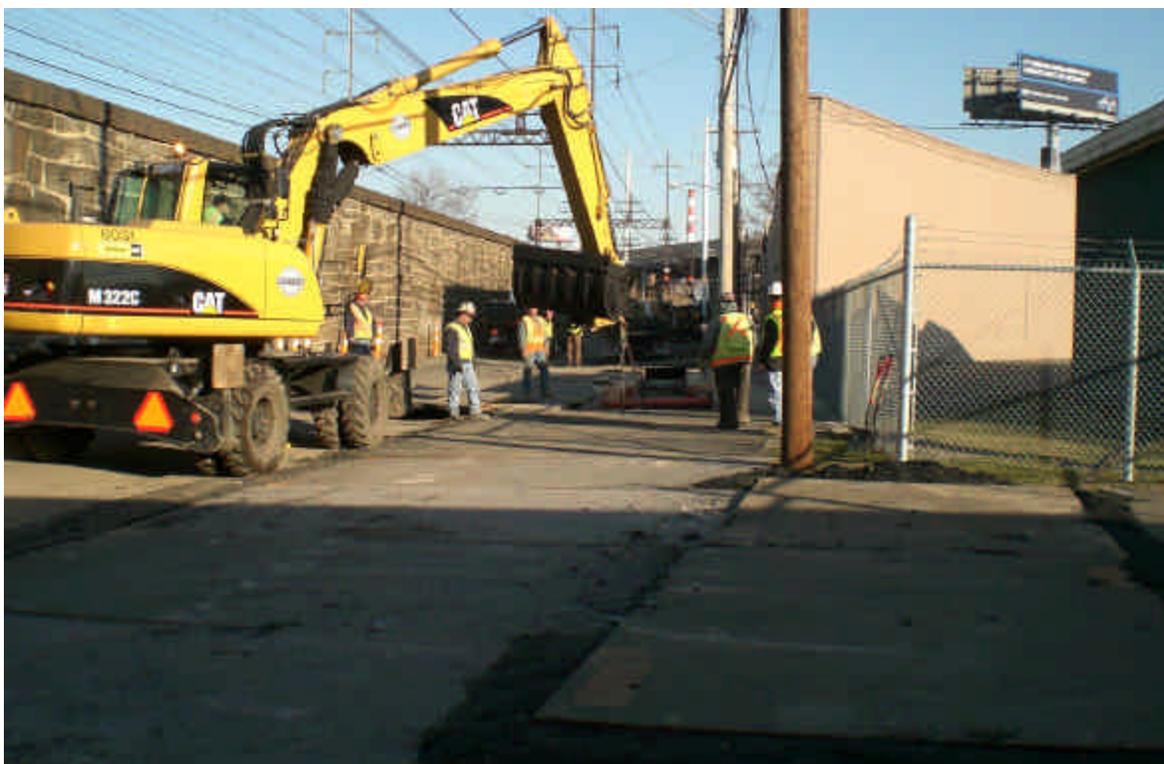


Photo of trenching activities on Railroad Ave. between Wordin Ave. and Iranistan Ave.